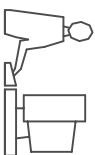
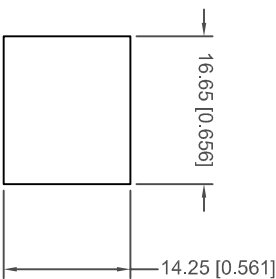
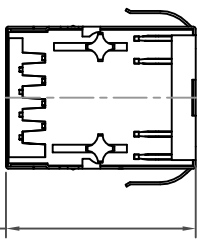
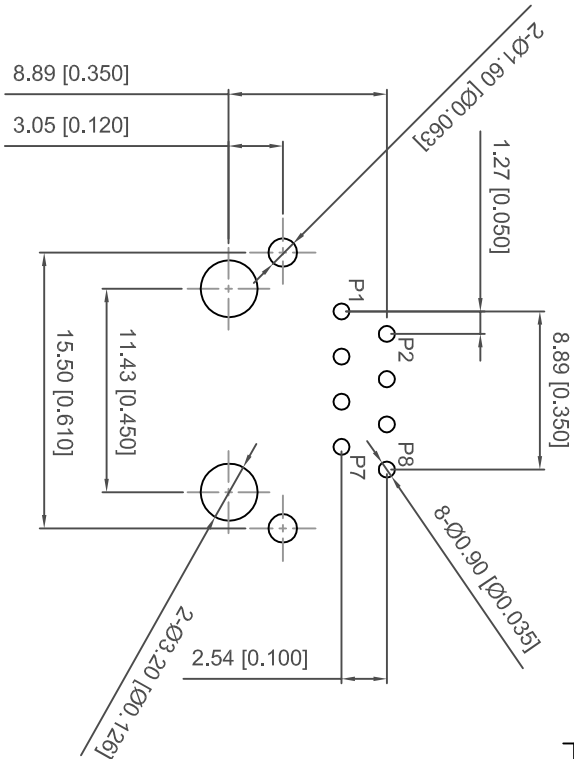
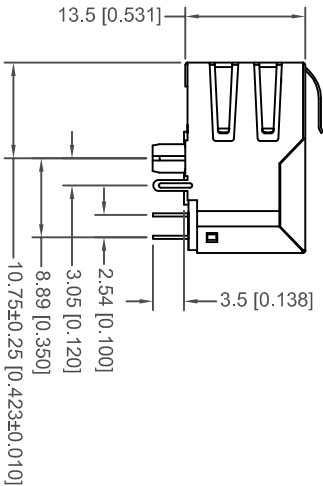
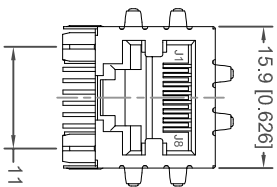


TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:
 0 ± 0.38
 0.0 ± 0.25
 0.00 ± 0.10

THIS IS A C.A.D. GENERATED DRAWING
 DO NOT MAKE MANUAL REVISIONS TO MASTER.



ISSUE NUMBER	①
ORIGINAL	
UPDATE DRAWING	②
R.STA.MONICA	SEPT.23/2011



RECOMMENDED
 PANEL CUTOUT DIMENSION

RECOMMENDED P.C.B. LAYOUT
 TOLERANCE: ±0.08[±0.003]

NOTES:

1. MATERIALS:
 HOUSING: THERMOPLASTIC, UL 94V-0, COLOR: BLACK
 SHIELD: COPPER ALLOY WITH NICKEL PLATING
 CONTACTS: COPPER ALLOY PLATED WITH GOLD PLATING AND TIN IN SOLDER AREA

PART NO	GOLD PLATING THICKNESS
A63-112-300P422	GOLD FLASH PLATING
A63-113-300P422	15 MICRO INCHES OF GOLD
A63-114-300P422	30 MICRO INCHES OF GOLD

2. OPERATING TEMPERATURE: 0°C TO +70°C
3. STORAGE TEMPERATURE: -40°C TO +85°C
4. MATE WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.
5. RECOMMENDED TEMPERATURE FOR WAVE SOLDERING IS 260°C MAX, 10 SEC MAX
6. DIMENSION: MM [INCHES]

RJ45 MAGNETIC JACK WITHOUT LED, 8P, 8C
 SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-113-300P422

DRAWN: R.STA.MONICA DATE: NOV.19/2010

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 1 OF 2

DRAWING NUMBER

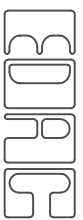
A63-112-300P422

ISSUE

2



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 EUROPEAN UNION DIRECTIVES 2002/95/EC
 AND 2002/96/EC FOR ROHS COMPLIANCY.



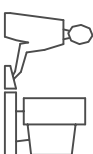
EDAC INC
 TORONTO, ONTARIO
 CANADA

YOUR CONNECTION TO QUALITY & SERVICE

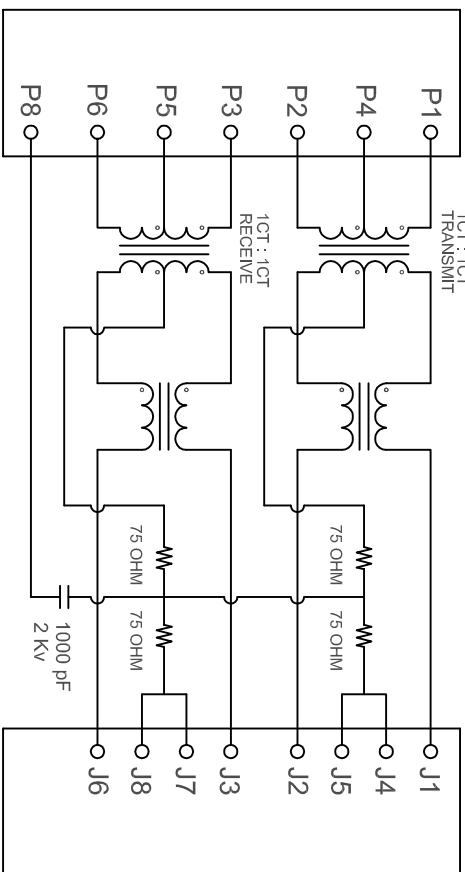
ELECTRICAL CIRCUIT:

TOLERANCE UNLESS OTHERWISE SPECIFIED IN MM:	ANGLE	X ^o
0	± 0.38	
0.0	± 0.25	
0.00	± 0.10	

THIS IS A C.A.D. GENERATED DRAWING
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CONNECTOR SOLDER SIDE



RJ45 CONTACT SIDE

TEST NOTES:(25±5°C)

- 1.TR:(100KHz,0.1V):
PINS:(P1-P2):(J1-J2)=1:1±3%
PINS:(P3-P6):(J3-J6)=1:1±3%
- 2.LX:(100KHz,100mV,8mA, DC Bias)
PINS: (P1,P2),(P3,P6)=350uH MINIMUM
- 3.DC RESISTANCE:
PINS:(J1-J2),(J3-J6)= 1.2 OHMS MAXIMUM
- 4.HIPOT:
PINS:(P1,P2)TO(J1,J2)=1500VAC OR 2250VDC
PINS:(P3,P6)TO(J3,J6)=1500VAC OR 2250VDC
- 5.INSERTION LOSS:
-1.2dB MAXIMUM AT 100KHz TO 100MHz;
- 6.RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz;
-18-20log(f/30)dB MINIMUM AT 30MHz TO 60MHz
-12dB MINIMUM AT 60MHz TO 80MHz
- 7.CROSS TALK:
-35dB TYPICAL AT 1MHz TO 100MHz
8.COMMON TO COMMON MODE ATTENUATION:
-30dB TYPICAL AT 30MHz TO 100MHz
9. LEAKAGE INDUCTANCE:
PINS: P1-P2, WITH J1-J2 SHORTED=0.35 uH MAX @1MHz
PINS: P3-P6, WITH J3-J6 SHORTED=0.35 uH MAX @1MHz
10. INTERWINDING CAPACITANCE:
PINS:(P1-P2):(J1-J2)= 35 pF MAX @1MHz
PINS:(P3-P6):(J3-J6)= 35 pF MAX @1MHz

RJ45 MAGNETIC JACK WITHOUT LED, 8P, 8C
SHIELDED/10/100 Mbps FILTER

ACAD REFERENCE NO.: A63-113-300P422

DRAWN: R.STA.MONICA DATE: NOV.19/2010

CHECKED: DATE:

PART NUMBER

SEE NOTE

SHEET 2 OF 2

DRAWING NUMBER

A63-112-300P422

ISSUE

2



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TORONTO, ONTARIO
CANADA

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